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Gly Leu Thr Ser Val Pro Thr Asn Ile Pro Phe Asp Thr Arg Met 95 100 105

Leu Asp Leu Gln Asn Asn Lys Ile Lys Glu Ile Lys Glu Asn Asp 110 115 120

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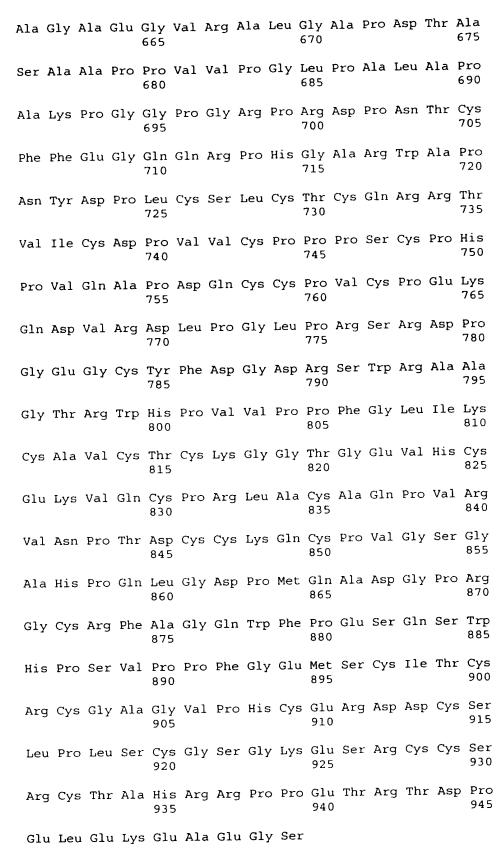
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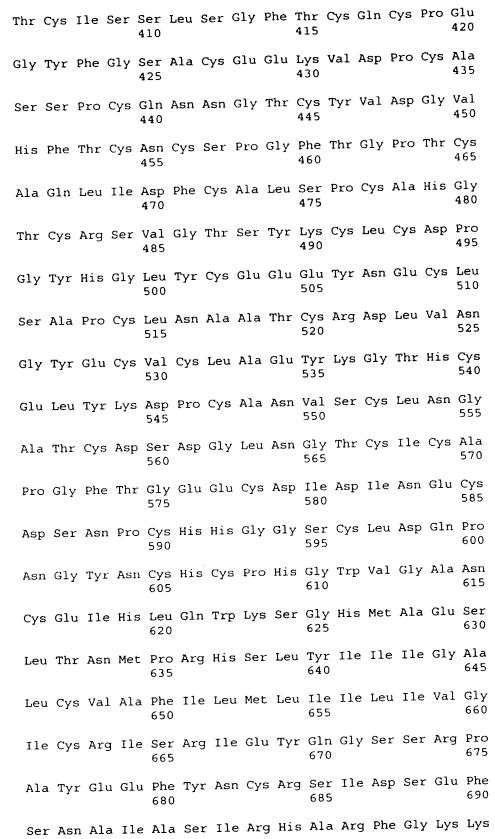
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Gly Asn Cys Ser Ser Ser Ser Ser Ser Ser Ser Asp Gly Tyr Leu

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Leu Pro Ser	Leu Pro 140	Ala	Thr	Gly	Trp	Thr 145	Glu	Ser	Met	Ala	Pro 150
Arg Gln Leu	Gln Pro 155	Val	Pro	Ala	Thr	Gln 160	Glu	Pro	Asp	Lys	Ile 165
Leu Pro Arg	Ser Gln 170	Ala	Thr	Val	Thr	Leu 175	Pro	Thr	Trp	Gln	Pro 180
Lys Thr Gly	Gln Lys 185	Val	Val	Glu	Met	Lys 190	Trp	Asp	Gln	Val	Glu 195
Val Ile Pro	Asp Ile 200	Ala	Cys	Gly	Asn	Ala 205	Ser	Ser	Asn	Ser	Ser 210
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Val Lys Ile	Arg Gln 230	Asp	Ala	Thr	Ala	Ser 235	Leu	Ile	Leu	Leu	Trp 240
Lys Val Thr	Ala Thr 245	Gly	Phe	Gln	Gln	Cys 250	Ser	Leu	Ile	Asp	Gly 255
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Glu Glu Met	Leu Ala 275	Leu	Gly	Asn	Asn	His 280	Phe	Ile	Gly	Phe	Val 285
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Val Val Lys	Val Ser 305		Cys	Val	Pro	Gly 310	Glu	Ser	His	Ala	Asn 315
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Phe Cys Glu	Glu Tyr 350		Ala	Cys	Gln	Arg 355	Lys	Pro	Cys	Gln	Asn 360
Asn Ala Ser	Cys Ile 365		Ala	Asn	Glu	Lys 370	Gln	Asp	Gly	Ser	Asn 375
Phe Thr Cys	Val Cys		Pro	Gly	Tyr	Thr 385	Gly	Glu	Leu	Cys	Gln 390
Ser Lys Ile	Asp Tyr		Ile	Leu	Asp	Pro 400		Arg	Asn	Gly	Ala 405



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705

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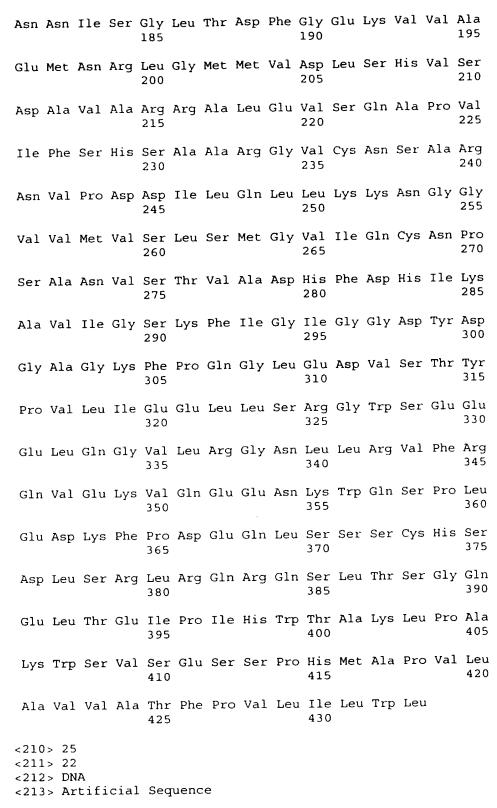
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145 Tyr Met Leu Gly Val Arg Tyr Leu Thr Leu Thr His Thr Cys Asn 155 Thr Pro Trp Ala Glu Ser Ser Ala Lys Gly Val His Ser Phe Tyr

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Val Tyr Gln Lys Gly Leu Gln Asp Val Asn Leu Arg Asn Phe Ser

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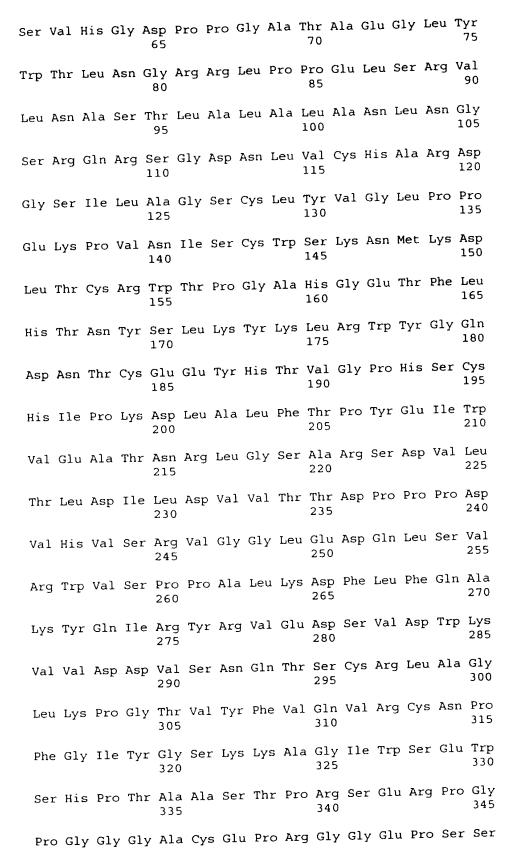
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Lys His Ala Tyr	Cys Ser 380	Asn	Leu	Ser	Phe 385	Arg	Leu	Tyr	Asp	Gln 390		
Trp Arg Ala Trp	Met Gln 395	Lys	Ser	His	Lys 400	Thr	Arg	Asn	Gln	Asp 405		
Glu Gly Ile Leu	Pro Ser 410	Gly	Arg	Arg	Gly 415	Thr	Ala	Arg	Gly	Pro 420		
Ala Arg												
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<213> Homo Sapien

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Arg Lys Ser Val Thr Gly Glu Ile Val Leu Ile Thr Gly Ala Gly
35 40 45

His Gly Ile Gly Arg Leu Thr Ala Tyr Glu Phe Ala Lys Leu Lys 50 55 60

Ser Lys Leu Val Leu Trp Asp Ile Asn Lys His Gly Leu Glu Glu 65 70 75

Thr Ala Ala Lys Cys Lys Gly Leu Gly Ala Lys Val His Thr Phe 80 85 90

Val Val Asp Cys Ser Asn Arg Glu Asp Ile Tyr Ser Ser Ala Lys 95 100 105

Lys Val Lys Ala Glu Ile Gly Asp Val Ser Ile Leu Val Asn Asn 110 115 120

Ala Gly Val Val Tyr Thr Ser Asp Leu Phe Ala Thr Gln Asp Pro 125 130 135

Gln Ile Glu Lys Thr Phe Glu Val Asn Val Leu Ala His Phe Trp
140 145 150

Thr Thr Lys Ala Phe Leu Pro Ala Met Thr Lys Asn Asn His Gly
155 160 165

His Ile Val Thr Val Ala Ser Ala Ala Gly His Val Ser Val Pro 170 175 180

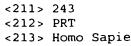
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His Lys Thr Leu Thr Asp Glu Leu Ala Ala Leu Gln Ile Thr Gly

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	Ile	Lys	Asn	Pro	Ser 230	Thr	Ser	Leu	Gly	Pro 235	Thr	Leu	Glu	Pro	Glu 240
	Glu	Val	Val	Asn	Arg 245	Leu	Met	His	Gly	Ile 250	Leu	Thr	Glu	Gln	Lys 255
	Met	Ile	Phe	Ile	Pro 260	Ser	Ser	Ile	Ala	Phe 265	Leu	Thr	Thr	Leu	Glu 270
	Arg	Ile	Leu	Pro	Glu 275	Arg	Phe	Leu	Ala	Val 280	Leu	Lys	Arg	Lys	Ile 285
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		2 > Di													
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		0 > 4 1 > 1													
		2 > D													
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His	Pro	Gly	Leu	Pro 35	Gly	Thr	Pro	Gly	His 40	His	Gly	Ser	Gln	Gly 45
Leu	Pro	Gly	Arg	Asp 50	Gly	Arg	Asp	Gly	Arg 55	Asp	Gly	Ala	Pro	Gly 60
Ala	Pro	Gly	Glu	Lys 65	Gly	Glu	Gly	Gly	Arg 70	Pro	Gly	Leu	Pro	Gly 75
Pro	Arg	Gly	Asp	Pro 80	Gly	Pro	Arg	Gly	Glu 85	Ala	Gly	Pro	Ala	Gly 90
Pro	Thr	Gly	Pro	Ala 95	Gly	Glu	Cys	Ser	Val 100	Pro	Pro	Arg	Ser	Ala 105
Phe	Ser	Ala	Lys	Arg 110	Ser	Glu	Ser	Arg	Val 115	Pro	Pro	Pro	Ser	Asp 120
Ala	Pro	Leu	Pro	Phe 125	Asp	Arg	Val	Leu	Val 130	Asn	Glu	Gln	Gly	His 135
Tyr	Asp	Ala	Val	Thr 140	Gly	Lys	Phe	Thr	Cys 145	Gln	Val	Pro	Gly	Val 150
Tyr	Tyr	Phe	Ala	Val 155	His	Ala	Thr	Val	Tyr 160	Arg	Ala	Ser	Leu	Gln 165
Phe	Asp	Leu	Val	Lys 170	Asn	Gly	Glu	Ser	Ile 175	Ala	Ser	Phe	Phe	Gln 180
Phe	Phe	Gly	Gly	Trp 185	Pro	Lys	Pro	Ala	Ser 190	Leu	Ser	Gly	Gly	Ala 195
Met	Val	Arg	Leu	Glu 200	Pro	Glu	Asp	Gln	Val 205	Trp	Val	Gln	Val	Gly 210
Val	Gly	Asp	Tyr	Ile 215	Gly	Ile	Tyr	Ala	Ser 220	Ile	Lys	Thr	Asp	Ser 225
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Val Phe Ala

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<211> 455

<212> PRT

<213> Homo Sapien

<400> 50

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Val Leu Leu Ala Leu Leu Gly Thr Thr Trp Ala Glu Val Trp Pro 20 25 30

Pro Gln Leu Gln Glu Gln Ala Pro Met Ala Gly Ala Leu Asn Arg
35 40 45

Lys Glu Ser Phe Leu Leu Leu Ser Leu His Asn Arg Leu Arg Ser 50 55 60

Trp Val Gln Pro Pro Ala Ala Asp Met Arg Arg Leu Asp Trp Ser
65 70 75

Asp Ser Leu Ala Gln Leu Ala Gln Ala Arg Ala Ala Leu Cys Gly 80 85 90

Ile Pro Thr Pro Ser Leu Ala Ser Gly Leu Trp Arg Thr Leu Gln 95 100 105

Val Gly Trp Asn Met Gln Leu Leu Pro Ala Gly Leu Ala Ser Phe

	110					115					120
Val Glu Val	Val Ser 125	Leu	Trp	Phe	Ala	Glu 130	Gly	Gln	Arg	Tyr	Ser 135
His Ala Ala	Gly Glu 140	Cys	Ala	Arg	Asn	Ala 145	Thr	Суѕ	Thr	His	Tyr 150
Thr Gln Leu	Val Trp 155	Ala	Thr	Ser	Ser	Gln 160	Leu	Gly	Cys	Gly	Arg 165
His Leu Cys	Ser Ala 170	Gly	Gln	Thr	Ala	Ile 175	Glu	Ala	Phe	Val	Cys 180
Ala Tyr Ser	Pro Gly 185		Asn	Trp	Glu	Val 190	Asn	Gly	Lys	Thr	Ile 195
Ile Pro Tyr	Lys Lys 200		Ala	Trp	Cys	Ser 205	Leu	Суѕ	Thr	Ala	Ser 210
Val Ser Gly	Cys Phe		Ala	Trp	Asp	His 220	Ala	Gly	Gly	Leu	Cys 225
Glu Val Pro	Arg Asn 230		Cys	Arg	Met	Ser 235	Сув	Gln	Asn	His	Gly 240
Arg Leu Asn	Ile Ser 245		Cys	His	Cys	His 250	Cys	Pro	Pro	Gly	Tyr 255
Thr Gly Arg	Tyr Cys		Val	Arg	Cys	Ser 265	Leu	Gln	Cys	Val	His 270
Gly Arg Phe	Arg Glu 275		Glu	Cys	Ser	Cys 280	Val	Cys	Asp	Ile	Gly 285
Tyr Gly Gly	Ala Glr 290		Ala	Thr	Lys	Val 295	His	Phe	Pro	Phe	His 300
Thr Cys Asp	Leu Arg		Asp	Gly	Asp	Cys 310	Phe	Met	Val	Ser	Ser 315
Glu Ala Asp	Thr Tyr		Arg	Ala	Arg	Met 325	Lys	Cys	Gln	Arg	Lys 330
Gly Gly Val	Leu Ala		Ile	Lys	Ser	Gln 340	Lys	Val	Gln	Asp	Ile 345
Leu Ala Phe	Tyr Let 350		Arg	Leu	Glu	Thr 355	Thr	Asn	Glu	Val	Thr 360
Asp Ser Asp	Phe Glu		Arg	Asn	Phe	Trp 370		Gly	Leu	Thr	Tyr 375
Lys Thr Ala	Lys Asp		Phe	Arg	Trp	Ala 385	Thr	Gly	Glu	His	Gln 390
Ala Phe Thr	Ser Phe		Phe	Gly	Gln	Pro 400		Asn	His	Gly	Leu 405

Val Trp Leu Ser Ala Ala Met Gly Phe Gly Asn Cys Val Glu Leu 410 Gln Ala Ser Ala Ala Phe Asn Trp Asn Asp Gln Arg Cys Lys Thr 425 Arg Asn Arg Tyr Ile Cys Gln Phe Ala Gln Glu His Ile Ser Arg 440 Trp Gly Pro Gly Ser <210> 51 <211> 24 <212> DNA <213> Artificial Sequence <220> <223> Synthetic oligonucleotide probe <400> 51 aggaacttct ggatcgggct cacc 24 <210> 52 <211> 24 <212> DNA <213> Artificial Sequence <223> Synthetic oligonucleotide probe <400> 52 gggtctgggc caggtggaag agag 24 <210> 53 <211> 45 <212> DNA <213> Artificial Sequence <220> <223> Synthetic oligonucleotide probe gccaaggact cetteegetg ggccacaggg gagcaccagg cette 45 <210> 54 <211> 2331 <212> DNA <213> Homo Sapien <400> 54 cggacgcgtg ggctgggcgc tgcaaagcgt gtcccgcgg gtccccgagc 50 gtcccgcgcc ctcgccccgc catgctcctg ctgctggggc tgtgcctggg 100 gctgtccctg tgtgtggggt cgcaggaaga ggcgcagagc tggggccact 150 cttcggagca ggatggactc agggtcccga ggcaagtcag actgttgcag 200

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aggetgaaaa ecaaaeettt gatgacagaa tteteagtga agtetaeeat 250 catttcccgt tatgccttca ctacggtttc ctgcagaatg ctgaacagag 300 cttctgaaga ccaggacatt gagttccaga tgcagattcc agctgcagct 350 ttcatcacca acttcactat gcttattgga gacaaggtgt atcagggcga 400 aattacagag agagaaaaga agagtggtga tagggtaaaa gagaaaagga 450 ataaaaccac agaagaaaat ggagagaagg ggactgaaat attcagagct 500 tetgeagtga tteccageaa ggacaaagee geetttttee tgagttatga 550 ggagettetg cagaggegee tgggeaagta cgageacage atcagegtge 600 ggccccagca gctgtccggg aggctgagcg tggacgtgaa tatcctggag 650 agegegggea tegeatecet ggaggtgetg eegetteaca acageaggea 700 gaggggcagt gggcgcgggg aagatgattc tgggcctccc ccatctactg 750 tcattaacca aaatgaaaca tttgccaaca taatttttaa acctactgta 800 gtacaacaag ccaggattgc ccagaatgga attttgggag actttatcat 850 tagatatgac gtcaatagag aacagagcat tggggacatc caggttctaa 900 atggctattt tgtgcactac tttgctccta aagaccttcc tcctttaccc 950 aagaatgtgg tattegtget tgacageagt gettetatgg tgggaaceaa 1000 acteeggeag accaaggatg coetetteae aatteteeat gaeeteegae 1050 cccaggaccg tttcagtatc attggatttt ccaaccggat caaagtatgg 1100 aaggaccact tgatatcagt cactccagac agcatcaggg atgggaaagt 1150 gtacattcac catatgtcac ccactggagg cacagacatc aacggggccc 1200 tgcagagggc catcaggctc ctcaacaagt acgtggccca cagtggcatt 1250 ggagaccgga gcgtgtccct catcgtcttc ctgacggatg ggaagcccac 1300 ggtcggggag acgcacaccc tcaagatcct caacaacacc cgagaggccg 1350 cccgaggcca agtctgcatc ttcaccattg gcatcggcaa cgacgtggac 1400 ttcaggctgc tggagaaact gtcgctggag aactgtggcc tcacacggcg 1450 cgtgcacgag gaggaggacg caggctcgca gctcatcggg ttctacgatg 1500 aaatcaggac cccgctcctc tctgacatcc gcatcgatta tccccccagc 1550 tcagtggtgc aggccaccaa gaccetgtte eccaactact teaacggete 1600 ggagatcatc attgcgggga agctggtgga caggaagctg gatcacctgc 1650 <210> 55 <211> 694 <212> PRT

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<400> 55

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Asp Gly Leu Arg Val Pro Arg Gln Val Arg Leu Leu Gln Arg Leu
35 40 45

Lys Thr Lys Pro Leu Met Thr Glu Phe Ser Val Lys Ser Thr Ile
50 55 60

Ile Ser Arg Tyr Ala Phe Thr Thr Val Ser Cys Arg Met Leu Asn  $\phantom{0}65\phantom{0}$  70  $\phantom{0}75\phantom{0}$ 

Arg Ala Ser Glu Asp Gln Asp Ile Glu Phe Gln Met Gln Ile Pro 80 85 90

Ala Ala Ala Phe Ile Thr Asn Phe Thr Met Leu Ile Gly Asp Lys 95 100 105

Val Tyr Gln Gly Glu Ile Thr Glu Arg Glu Lys Lys Ser Gly Asp 110 115 120

Arg	Val	Lys	Glu	Lys 125	Arg	Asn	Lys	Thr	Thr 130	Glu	Glu	Asn	Gly	Glu 135
Lys	Gly	Thr	Glu	Ile 140	Phe	Arg	Ala	Ser	Ala 145	Val	Ile	Pro	Ser	Lys 150
Asp	Lys	Ala	Ala	Phe 155	Phe	Leu	Ser	Tyr	Glu 160	Glu	Leu	Leu	Gln	Arg 165
Arg	Leu	Gly	Lys	Tyr 170	Glu	His	Ser	Ile	Ser 175	Val	Arg	Pro	Gln	Gln 180
Leu	Ser	Gly	Arg	Leu 185	Ser	Val	Asp	Val	Asn 190	Ile	Leu	Glu	Ser	Ala 195
Gly	Ile	Ala	Ser	Leu 200	Glu	Val	Leu	Pro	Leu 205	His	Asn	Ser	Arg	Gln 210
Arg	Gly	Ser	Gly	Arg 215	Gly	Glu	Asp	Asp	Ser 220	Gly	Pro	Pro	Pro	Ser 225
Thr	Val	Ile	Asn	Gln 230	Asn	Glu	Thr	Phe	Ala 235	Asn	Ile	Ile	Phe	Lys 240
Pro	Thr	Val	Val	Gln 245	Gln	Ala	Arg	Ile	Ala 250	Gln	Asn	Gly	Ile	<b>Le</b> u 255
Gly	Asp	Phe	Ile	Ile 260	Arg	Tyr	Asp	Val	Asn 265	Arg	Glu	Gln	Ser	Ile 270
Gly	Asp	Ile	Gln	Val 275	Leu	Asn	Gly	Tyr	Phe 280	Val	His	Tyr	Phe	Ala 285
Pro	Lys	Asp	Leu	Pro 290	Pro	Leu	Pro	Lys	Asn 295	Val	Val	Phe	Val	Leu 300
Asp	Ser	Ser	Ala	Ser 305	Met	Val	Gly	Thr	Lys 310	Leu	Arg	Gln	Thr	Lys 315
Asp	Ala	Leu	Phe	Thr 320	Ile	Leu	His	Asp	Leu 325	Arg	Pro	Gln	Asp	Arg 330
Phe	Ser	Ile	Ile	Gly 335	Phe	Ser	Asn	Arg	Ile 340	Lys	Val	Trp	Lys	Asp 345
His	Leu	Ile	Ser	Val 350	Thr	Pro	Asp	Ser	Ile 355	Arg	Asp	Gly	Lys	Val 360
Tyr	Ile	His	His	Met 365	Ser	Pro	Thr	Gly	Gly 370		Asp	Ile	Asn	Gly 375
Ala	Leu	Gln	Arg	Ala 380	Ile	Arg	Leu	Leu	Asn 385		Tyr	Val	Ala	His 390
Ser	Gly	· Ile	Gly	Asp 395		Ser	Val	Ser	Leu 400		Val	Phe	. Leu	Thr 405
Asp	Gly	Lys	Pro	Thr	Val	Gly	Glu	Thr	His	Thr	Leu	Lys	Ile	Leu

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Ile Gly Ile	Gly Asi	_	Val	Asp	Phe	Arg 445	Leu	Leu	Glu	Lys	Leu 450
Ser Leu Glu	Asn Cys		Leu	Thr	Arg	Arg 460	Val	His	Glu	Glu	Glu 465
Asp Ala Gly	Ser Gla		Ile	Gly	Phe	Tyr 475	Asp	Glu	Ile	Arg	Thr 480
Pro Leu Leu	Ser Ası 48		Arg	Ile	Asp	Tyr 490	Pro	Pro	Ser	Ser	Val 495
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Leu Lys Thr	Asp Val		Val	Arg	Pro	Gln 550	Lys	Ala	Gly	Lys	Asp 555
Val Thr Gly	Ser Pro		Pro	Gly	Gly	Asp 565	Gly	Glu	Gly	Asp	Thr 570
Asn His Ile	Glu Are		Trp	Ser	Tyr	Leu 580	Thr	Thr	Lys	Glu	Leu 585
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Leu Arg Gln	Arg Ala		Ala	Leu	Ala	Val 610	Ser	Tyr	Arg	Phe	Leu 615
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Asp Gly Leu	Glu Gli 63		His	Gly	Met	Ser 640	Ala	Ala	Met	Gly	Pro 645
Glu Pro Val	Val Gla		Val	Arg	Gly	Ala 655	Gly	Thr	Gln	Pro	Gly 660
Pro Leu Leu	Lys Lys		Asn	Ser	Val	Lys 670	Lys	Lys	Gln	Asn	Lys 675
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<sup>&</sup>lt;210> 61

<sup>&</sup>lt;211> 440

<sup>&</sup>lt;212> PRT

<sup>&</sup>lt;213> Homo Sapien

<sup>&</sup>lt;400> 61

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Ala Ala Ala Ala Pro Pro Gly Leu Arg Leu Leu Leu Leu Phe Ser Ala Ala Ala Leu Ile Pro Thr Gly Asp Gly Gln Asn Leu Phe Thr Lys Asp Val Thr Val Ile Glu Gly Glu Val Ala Thr Ile Ser Cys Gln Val Asn Lys Ser Asp Asp Ser Val Ile Gln Leu Leu Asn Pro Asn Arg Gln Thr Ile Tyr Phe Arg Asp Phe Arg Pro Leu Lys Asp Ser Arg Phe Gln Leu Leu Asn Phe Ser Ser Ser Glu Leu Lys Val Ser Leu Thr Asn Val Ser Ile Ser Asp Glu Gly Arg Tyr Phe Cys Gln Leu Tyr Thr Asp Pro Pro Gln Glu Ser Tyr Thr Thr Ile Thr Val Leu Val Pro Pro Arg Asn Leu Met Ile Asp Ile Gln Lys Asp Thr Ala Val Glu Gly Glu Glu Ile Glu Val Asn Cys Thr Ala Met Ala Ser Lys Pro Ala Thr Thr Ile Arg Trp Phe Lys Gly Asn Thr Glu Leu Lys Gly Lys Ser Glu Val Glu Glu Trp Ser Asp Met Tyr Thr Val Thr Ser Gln Leu Met Leu Lys Val His Lys Glu Asp Asp Gly Val Pro Val Ile Cys Gln Val Glu His Pro Ala Val 215 Thr Gly Asn Leu Gln Thr Gln Arg Tyr Leu Glu Val Gln Tyr Lys Pro Gln Val His Ile Gln Met Thr Tyr Pro Leu Gln Gly Leu Thr Arg Glu Gly Asp Ala Leu Glu Leu Thr Cys Glu Ala Ile Gly Lys 260 Pro Gln Pro Val Met Val Thr Trp Val Arg Val Asp Asp Glu Met Pro Gln His Ala Val Leu Ser Gly Pro Asn Leu Phe Ile Asn Asn Leu Asn Lys Thr Asp Asn Gly Thr Tyr Arg Cys Glu Ala Ser Asn

	Ala	Gly	Glu	Glu	Gly 365	Ser	Ile	Arg	Ala	V 3
	Gly	Gly	Val	Val	Ala 380	Val	Val	Val	Phe	A 3
	Ile	Ile	Leu	Gly	Arg 395	Tyr	Phe	Ala	Arg	H 4
	Thr	His	Glu	Ala	Lys 410	Gly	Ala	Asp	Asp	A 4
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<223> Synthetic oligonucleotide probe

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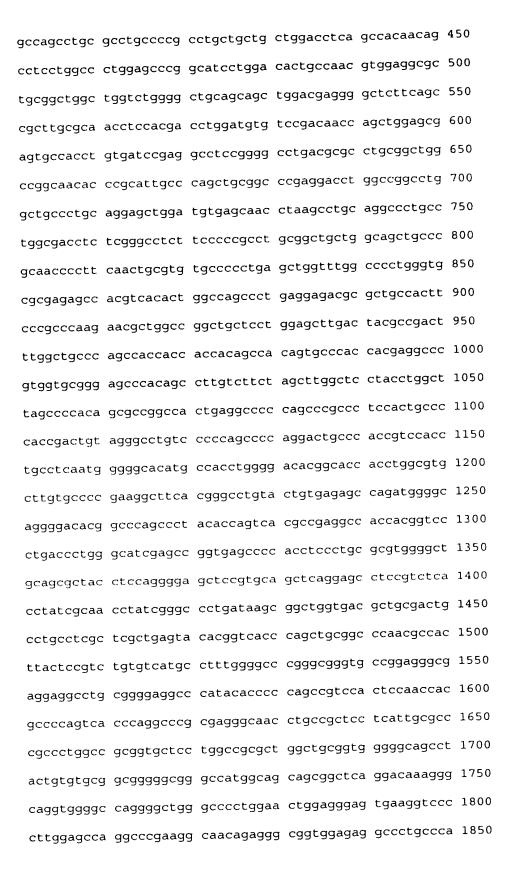
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335

350

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<400> 69

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Ser Gln Pro Gln Thr Val Phe Cys Thr Ala Arg Gln Gly Thr Thr 35 40 45

Val Pro Arg Asp Val Pro Pro Asp Thr Val Gly Leu Tyr Val Phe
50 55 60

Glu Asn Gly Ile Thr Met Leu Asp Ala Ser Ser Phe Ala Gly Leu
65 70 75

Pro Gly Leu Gln Leu Leu Asp Leu Ser Gln Asn Gln Ile Ala Ser 80 85 90

Leu Arg Leu Pro Arg Leu Leu Leu Leu Asp Leu Ser His Asn Ser 95 100 105

Leu Leu Ala Leu Glu Pro Gly Ile Leu Asp Thr Ala Asn Val Glu

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Leu	Phe	Ser	Arg	Leu 140	Arg	Asn	Leu	His	Asp 145	Leu	Asp	Val	Ser	Asp 150
Asn	Gln	Leu	Glu	Arg 155	Val	Pro	Pro	Val	Ile 160	Arg	Gly	Leu	Arg	Gly 165
Leu '	Thr	Arg	Leu	Arg 170	Leu	Ala	Gly	Asn	Thr 175	Arg	Ile	Ala	Gln	Leu 180
Arg	Pro	Glu	Asp	Leu 185	Ala	Gly	Leu	Ala	Ala 190	Leu	Gln	Glu	Leu	Asp 195
Val	Ser	Asn	Leu	Ser 200	Leu	Gln	Ala	Leu	Pro 205	Gly	Asp	Leu	Ser	Gly 210
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Thr	Arg	Pro	Val	Val 290	Arg	Glu	Pro	Thr	Ala 295	Leu	Ser	Ser	Ser	Leu 300
Ala	Pro	Thr	Trp	Leu 305	Ser	Pro	Thr	Ala	Pro 310	Ala	Thr	Glu	Ala	Pro 315
Ser	Pro	Pro	Ser	Thr 320	Ala	Pro	Pro	Thr	Val 325		Pro	Val	Pro	Gln 330
Pro	Gln	Asp	Cys	Pro 335		Ser	Thr	Cys	Leu 340		Gly	Gly	Thr	Cys 345
His	Leu	Gly	Thr	Arg 350		His	Leu	Ala	Cys 355		Cys	Pro	Glu	Gly 360
Phe	Thr	Gly	Leu	Tyr 365		Glu	Ser	Gln	Met 370		Gln	Gly	Thr	Arg 375
Pro	Ser	Pro	Thr	Pro 380		Thr	Pro	Arg	Pro 385		Arg	Ser	Leu	Thr 390
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<212> PRT

<213> Homo Sapien

<400> 76

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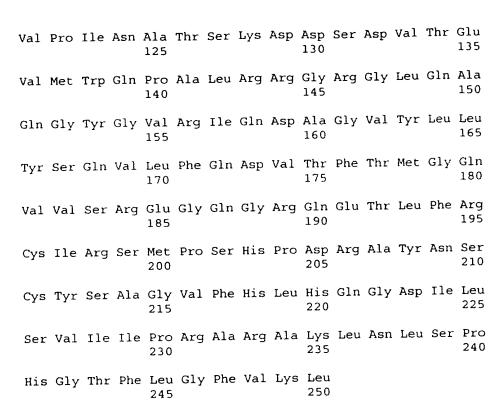
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Glu Gly Tyr Pro Trp Gln Ser Leu Pro Glu Gln Ser Ser Asp Ala

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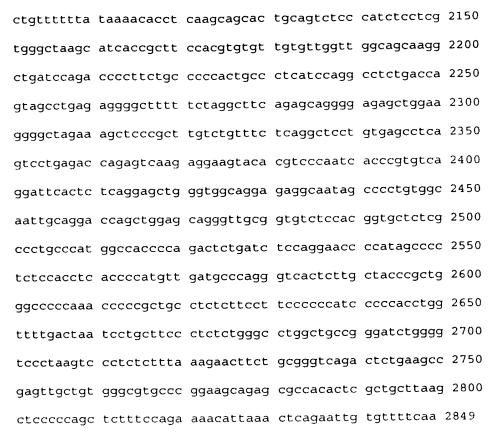
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<210> 78

<211> 281

<212> PRT

<213> Homo Sapien

<400> 78

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Leu Ala Phe Ala Ser Gly Leu Val Leu Ser Arg Val Pro His Val 20 25 30

Gln Gly Glu Gln Glu Trp Glu Gly Thr Glu Glu Leu Pro Ser

Pro Pro Asp His Ala Glu Arg Ala Glu Glu Gln His Glu Lys Tyr
50 55 60

Arg Pro Ser Gln Asp Gln Gly Leu Pro Ala Ser Arg Cys Leu Arg
65 70 75

Cys Cys Asp Pro Gly Thr Ser Met Tyr Pro Ala Thr Ala Val Pro 80 85 90

Gln Ile Asn Ile Thr Ile Leu Lys Gly Glu Lys Gly Asp Arg Gly

Asp Arg Gly Leu Gln Gly Lys Tyr Gly Lys Thr Gly Ser Ala Gly

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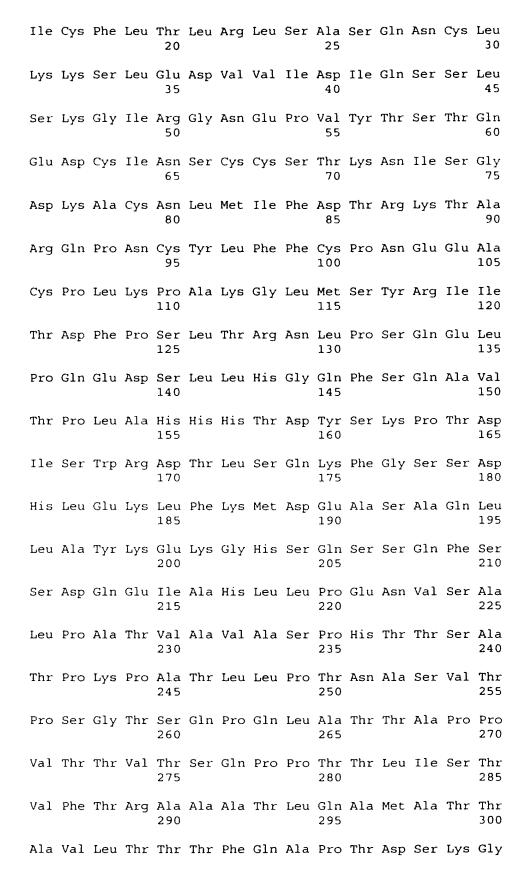
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Gln Lys Cys Asp His Trp Thr Pro Cys Pro Ser Asp Thr Tyr Ala 65 70 75

Tyr Arg Leu Leu Ser Gly Gly Gly Arg Ser Lys Tyr Ala Lys Ile 80 85 90

Cys Phe Glu Asp Asn Leu Leu Met Gly Glu Gln Leu Gly Asn Val 95 100 105

Ala Arg Gly Ile Asn Ile Ala Ile Val Asn Tyr Val Thr Gly Asn 110 115 120

Val Thr Ala Thr Arg Cys Phe Asp Met Tyr Glu Gly Asp Asn Ser 125 130 135

Gly Pro Met Thr Lys Phe Ile Gln Ser Ala Ala Pro Lys Ser Leu 140 145 150

Leu Phe Met Val Thr Tyr Asp Asp Gly Ser Thr Arg Leu Asn Asn 155 160 165

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